## SEQUENCE LISTING

<110> Allen, Keith D.

<130> R-741

<120> TRANSGENIC MICE CONTAINING RPTPB TYROSINE PHOSPHATASE GENE DISRUPTIONS

```
<150> US 60/251,897
<151> 2000-12-06
<150> US 60/302,260
<151> 2001-06-28
<160> 3
<170> FastSEQ for Windows Version 4.0
<210> 1
<211> 1752
<212> DNA
<213> Mus musculus
<400> 1
gtcaaggaag aggtacctgg tgtccatcaa ggtgcagtcg gccggcatga ccagtgaggt 60
ggttgaagat agcaccatca ccatgataga ccgcccgcct caaccgcctc cacacatccg 120
tgtgaatgaa aaggatgtgc taatcagcaa atcttccatc aactttactg tcaactgcag 180
ctggttcagc gacaccaacg gagcggttgg gtactttgct gtggtggtga gagaggccga 240
cagcatggat gagttgaagc cagaacagca gcaccctctc ccttcctacc tggagtacag 300
acacaacgcc tccatccgag tctaccagac caattatttt gccagcaaat gtgctgaaag 360
tcccgacagc agttctaaaa gtttcaacat taagcttgga gcagagatgg acagcctcgg 420
tggcaaatgt gatcccagtc agcagaaatt ctgtgatgga ccgctgttgc cacacaccgc 480
ctacagaatc agcatccggg cttttacaca gctatttgac gaggacttga aagagttcac 540
caaacctctc tactcggata cgttcttctc tatgcccatc accacagagt cagagccctt 600
gtttggagtt attgaaggtg tgagtgctgg cctgtttcta attggcatgc tggtggccct 660
tgttgccttc ttcatctgca gacagaaagc tagccacagc agggaaaggc catctgcccg 720
gctcagcatt cgtagggacc ggcctttgtc tgtccatctg aatctgggcc agaaaggcaa 780
ccggaaaact tcttgccca taaagatcaa tcagtttgaa gggcatttca tgaagctgca 840
ggcagactcc aactaccttc tatccaagga atatgaggac ttaaaagacg tgggtagaag 900
ccagtcatgt gacattgccc tcttgcctga gaatcgaggg aaaaatcgat acaacaacat 960
attgccttat gatgcctcaa gagtgaagct ctcgaatgtc gatgacgacc cttgctctga 1020
ctacatcaac gccagctaca tccccggtaa caacttcaga cgagaataca tcgccactca 1080
gggaccgctt ccaggcacca aggatgactt ctggaagatg gcgtgggagc agaacgttca 1140
caacatcgtc atggtgaccc agtgtgttga aaagggccga gtgaagtgtg accattactg 1200
gccagcagac caggacccc tctactacgg tgatctcatc ctacagatgg tctcggagtc 1260
cgtgctcccc gagtggacca tcagggagtt taagatatgc agtgaagaac agttggatgc 1320
acacagactc atccgtcact ttcactacac ggtgtggcca gaccatgggg tcccagagac 1380
cacccagtcc ctgatccaat ttgtgaggac agtcagggac tacatcaaca gaagccccgg 1440
ggctgggccc tccgtagtgc actgcagcgc tggtgtgggc agaacaggga cgttcgttgc 1500
cctggaccgg atcctccagc agttggactc taaggactcc gtggacattt atggggcagt 1560
gcatgaccta agactccaca gggttcacat ggtccagacc gagtgtcaat atgtgtatct 1620
gcatcagtgt gtaagagacg tctcagagca aagaaactgc ggaaacgagc aagagaaagg 1680
gggtgtttcg atttatgaga atgtgaatca gagtatcaca gagatgcaat ctactcgaga 1740
```

<210> 2

<211> 200

cattaagaat tc

<212> DNA

1752

<213> Artificial Sequence		
<220> <223> Targeting Vector		
<400> 2 gccgcccca gaactccacg gccattgcct gctcttggat acctcctgac atggctacag cattgagtgc cgaaaaatgg atacccaaga aatcgagttt tggagaaaga aaaatcactg ctcaacatca tgatgttagt acctcataag tgtccatcaa ggtgcagtcg	tccagaaagc	120
<210> 3 <211> 200 <212> DNA <213> Artificial Sequence		
<220> <223> Targeting Vector		
<400> 3 ggatgagttg aagccagaac agcagcaccc tctcccttcc tacctggagt cgcctccatc cgagtctacc agaccaatta ttttgccagc aaatgtgctg cagcagttct aaaagtttca acattaagct tggagcagag atggacagcc atgtgatccc agtcagcaga	aaagtcccga	120